

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A network system that seamlessly integrates wireless communication systems, such network system being characterized in that:

an architecture of the network system ~~includes~~ including at least four building blocks including a mobile host, a wireless access network, a common core network, and an external network; the ~~building block of the external network has~~ having a correspondent node;

the external network and the common core network ~~are~~ being connected together via at least one gateway router;

the ~~building block of the common core network has~~ having two functional modules including a resource manager and a mobility manager;

the ~~building block of the wireless access network internally comprises~~ comprising at least one set of base stations or access ~~point~~ points ~~interfaces and~~, base stations ~~station~~ or access point interfaces, and network interfaces;

the base ~~stations~~ station or the access point interfaces ~~realize~~ realizing an access mechanism that enable access between the common core network and the base stations or access points; ~~and~~

the network interface ~~realizes~~ realizing an access mechanism that enables access between the base stations or access points and the mobile host;

the common core network including a basic access network, the basic access network comprising a network interface of base stations or access points, base stations or access points, and a basic access component; and

the mobile host comprising at least a network interface, a network selector, a locator, a basic access component, and a local resource manager, the basic access component of the basic access network and the basic access component of the mobile host communicating with each other.

2. (Cancelled)